

## 954310BGLF

**Category:** Notebook Chipsets

**Generic Part:** 954310

**Market Group:** PC CLOCK

**Description:** PC MAIN CLOCK

ICS954310 follows the Intel CK410M-compliant clock specification. This clock synthesizer provides a single chip solution for next generation P4 Intel processors and Intel chipsets. ICS954310 is driven with a 14.318MHz crystal.

### Output Features:

- 2 - 0.7V current-mode differential CPU pairs
- 1 - 0.7V current-mode differential PCIEX/PEREQ# selectable pair
- 6 - 0.7V current-mode differential PCIEX pairs
- 1 - 0.7V current-mode differential CPU\_ITP/PCIEX selectable pairs
- 1 - 0.7V current-mode differential SATA pair
- 1 - 0.7V current-mode differential LCDCLK/PCIEX/27MHz selectable pair
- 4 - PCI (33MHz)
- 2 - PCICLK\_F, (33MHz) free-running
- 1 - USB, 48MHz
- 1 - DOT, 96MHz, 0.7V current differential pair
- 2 - REF, 14.318MHz



### Parameters

|                         |          |
|-------------------------|----------|
| Temperature             | C        |
| Voltage                 | 3.3 V    |
| Package                 | TSSOP 64 |
| Speed                   | NA       |
| Status                  | Active   |
| Sample                  | Yes      |
| Minimum Order Quantity  | 112      |
| Factory Order Increment | 28       |

### Package

|                                  |                                |
|----------------------------------|--------------------------------|
| Package                          | TSSOP 64 (PAG64)               |
| Description                      | TSSOP 6.1 MM 0.5MM PITCH       |
| Status                           | Active                         |
| Class                            | PLASTIC                        |
| Category                         | Green                          |
| Pb (Lead) Free                   | Yes                            |
| Mark                             | G                              |
| Package Type                     | TSSOP                          |
| Lead Count                       | 64                             |
| Length                           | 17.0 mm                        |
| Width                            | 6.1 mm                         |
| Thickness                        | 1.0 mm                         |
| Pitch                            | 0.5 mm                         |
| Tube / Tray                      | TUBE                           |
| Quantity per Tube/Tray           | 28                             |
| Quantity per Reel                | 1000                           |
| Moisture Sensitivity Level (MSL) | 1                              |
| Moisture Exposure Floor Life     | Unlimited@<30C/85%RH           |
| Peak Reflow Temperature          | 260Å°C                         |
| Rebake Conditions                | NA                             |
| Related Package Documents        | <a href="#">view documents</a> |

### Distributor Inventory

No Pricing information is available from our Distributors at this time.

### Documents

| Type                  | Title                                                            | Size   | Revision Date |
|-----------------------|------------------------------------------------------------------|--------|---------------|
| Datasheet             | 954201 Datasheet                                                 | 163 KB | 03/27/2006    |
|                       | 954204 Datasheet                                                 | 200 KB | 03/27/2006    |
|                       | 954321 Datasheet                                                 | 225 KB | 03/27/2006    |
| Misc                  | PC Clocks Contact Info                                           | 61 KB  | 05/29/2007    |
| Product Change Notice | PCN#: TB-0510-05 New Shipping Tube for TSSOPTV/SOP/TSSOP Exposed | 202 KB | 12/13/2005    |